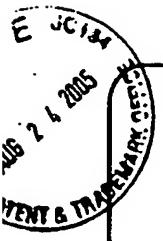


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Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. ARADI et al.
Art Unit	Not Assigned
Examiner Name	Not Assigned; Conf. No.: 5585

U. S. PATENT DOCUMENTS

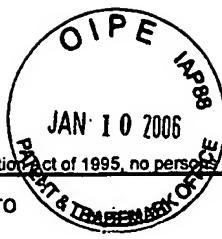
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
(W)		GB 787,374	12-04-1957	BROWN		
(W)		GB 886,447	01-10-1962	ESSO RESEARCH & ENG CO		

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Sheet 1 of 1

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
Sheet	1	of	1
		Application Number	10/696,618
		Filing Date	October 29, 2003
		First Named Inventor	Allen A. ARADI et al.
		Art Unit	Not Assigned
		Examiner Name	Not Assigned; Conf. No.: 5585
		Attorney Docket Number	EI-7607

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. Aradi, et al.
Group Art Unit	3747
Examiner Name	Not Assigned

Attorney Docket Number

EI-7607

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
COT		US 6,361,754 B1		Peter-Hoblyn et al.	3/26/2002	
		US 6,200,358 B1		Fleischer et al.	3/13/2001	
		US 6,193,767 B1		Arters et al.	2/27/2001	
		6,152,972		Shustorovich et al.	11/28/2000	
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		6,003,303		Peter-Hoblyn et al.	12/21/1999	
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		5,944,858		Wallace	8/31/1999	
		5,928,392		Aradi	7/27/1999	
		5,924,280		Tarabulski	7/20/1999	
		5,919,276		Jeffrey	7/6/1999	
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		5,819,529		Peter-Hoblyn	10/13/1998	
		5,813,224		Rao et al.	9/29/1998	
		5,809,775		Tarabulski et al.	9/22/1998	
		5,809,774		Peter-Hoblyn et al.	9/22/1998	
COT		5,758,496		Rao et al.	6/2/1998	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
COT		EP	0 466 512	B1	Leeper	6/29/94		
		EP	0 507 510	A1	Hollrah, Don Paul et al	10/07/92		
		EP	0 667 387	A2	Perry, Newton A. et al	8/16/1995		
COT		EP	0668 899	B1	Peter-Hoblyn et al	09/20/00		

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Sheet

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Complete If Known

Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. Aradi, et al.
Group Art Unit	3747
Examiner Name	Not Assigned

Attorney Docket Number

EI-7607

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
COT		5,732,548		Peter-Hoblyn	3/31/1998	
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		5,599,357		Leeper	2/4/1997	
		5,584,894		Peter-Hoblyn et al.	12/17/1996	
		5,551,957		Cunningham et al.	9/3/1996	
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		5,378,154		Daly et al.	12/27/1994	
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		5,113,803		Hollran et al.	5/19/1992	
		5,034,020		Epperly et al.	7/23/1991	
		4,955,331		Hohr et al.	9/11/1990	
		4,946,609		Pruess et al.	8/7/1990	
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		4,664,677		Dorer, Jr. et al.	5/12/1987	
		4,588,416		Zaweski et al.	5/13/1986	
COT		4,568,357		Simon	2/4/1986	

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COT		EP	1 368 444	A1	Openshaw et al.	12-10-2003		
COT		WO	02/48293	A1	Roos et al.	06-20-2002		

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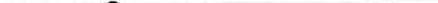
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/696,618
(use as many sheets as necessary)		Filing Date	October 29, 2003
		First Named Inventor	Allen A. Aradi, et al.
		Group Art Unit	3747
		Examiner Name	Not Assigned
Sheet	3	of	5
		Attorney Docket Number	EI-7607

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Sheet	4	of	5	Attorney Docket Number	EI-7607

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
COT		Faix, Louis J.; A study if the Effects of Manganese Fuel Additive on Automotive Emissions; SAE [Tech. Pap.], 780002, pp. 1-12	
		Fekete, Nicholas; Gruden, Igor; Voigtlander, Dirk; Nester, Ulrich; Krutzsch, Bernd; Willand, Jurgen; and Kuhn, Michael; Advanced Engine Control and Exhaust Gas Aftertreatment of a Leanburn SI Engine; SAE [Tech. Pap] 972873; pp. 1-10	
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		Lenane, D. L.; Effect of a Fuel Additive on Emission Control Systems; sae [Tech. Pap.] 802097, pp. 1-17	
		Farrauto, Robert J.; Mooney, John J.; Effects of Sulfur on Performance of Catalytic Aftertreatment Devices; SAE [Tech. Pap.] 920557, pp. 1-7	
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		Eolys™ Fuel-Borne Catalyst for Diesel Particulates Abatement: A Key Component of an Integrated System, DieselNet Technical Report, Sept. 1999, pp.1-9.	
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Examiner Signature	<i>CJ</i>	Date Considered	3/06
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Arakawa, Kenji; Matsuda, Satoshi; and Kinoshita, Hiroo; Progress in Sulfur Poisoning Resistance of Lean NOx Catalysts; SAE [Tech Pap.] 980930, pp. 111-118
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		Aradi, Allen A.; Roos, Joseph W.; Fort, Jr., Ben F.; Lee, Thomas E.; and Davidson, Robert I.; The Physical and Chemical Effect of Manganese Oxides on Automobile Catalytic Converters; SAE [Tech. Pap.] 940747, pp. 207-218
		Bailie, J. D.; Michalski, G. W.; Unzelman, G. H., MMT-A Versatile Antiknock; Natl. Pet. Refiners Assoc., [Tech. Pap.], AM-78-36, pp. 1-20
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		Guinther, Greg H.; Human, David M.; Miller, Keith T.; Roos, Joseph W.; and Schwab, Scott D.; The Role that Methylcyclopentadienyl Manganese Tricarbonyl (MMT®) Can Play in Improving Low-Temperature Performance of Diesel Particulate Traps; SAE [Tech. Pap.], 2002-01-2728, pp. 1-9
		Nelson, A.J.; Ferreira, J.L.; Reynolds, J.G.; Schwab, S.D.; and Roos, J.W.; X-Ray Absorption Characterization of Diesel Exhaust Particulates; Article in Materials Research Society Symposium Proceedings, Vol. 590, 2000, pp. 63-69
		KALGHATGI, G., "Combustion Chamber Deposit Flaking - Studies Using a Road Test Procedure," SAE Technical Paper 2002-01-2833; Oct. 21, 2002.

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Examiner Signature	Date Considered

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